# CCS Technical Documentation
# RH-17 Series Transceivers

# General Information


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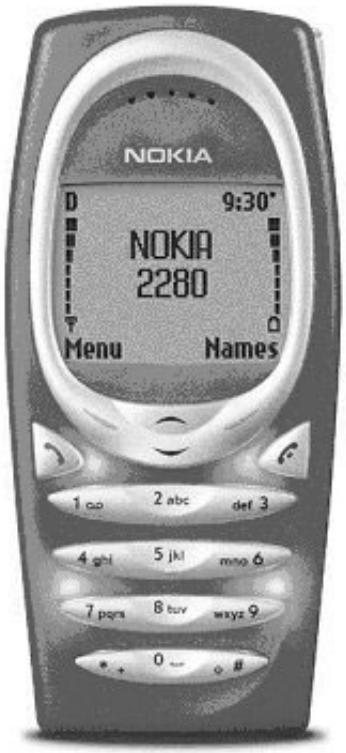
# Product Selection

## Handportables

The RH-17 phone is a CDMA (DCT 4.0) engine incorporating IS-95B and IS-2000 features, with full 1XRTT data rate capacity. It includes either CDMA 800 and AMPS or CDMA 800 only, depending on model (see type designators and their corresponding bands below). The transceiver consists of system/RF module, keypad module, LCD module, and assembly parts. The user interface (UI) consists of normal number, talk, soft, and power keys in the keymat.

There are two antennas — external whip plus internal. There is no direct connection from the whip to the PWB. The signal is capacitively coupled over the air.

RH-17 features include an internal vibra, a voice-recognition algorithm, comprehensive data support (1XRTT, 14.4k circuit switched, and 14.4 packet data), and codecs.




| Name: | Type Code: | Material Code: |
|---|---|---|
| Transceiver | | |
| Battery (850 mAh Li-Ion) | BL-5C | 0670398 |
| AC Travel Charger (US plug) 108-132 Vac | ACP-7U | 0675143 |
| Fast Travel Charger (US plug) 90–264 Vac | ACP-9U | 0675151 |
| Rapid Performance Charger (US plug) | ACP-12U | 0675303 |

# Module List

| Type designator | RH-17 | RH-17NA | RH-17R |
|---|---|---|---|
| Model number | 2280 | 2280 | 2280 |
| Protocol | CDMA 800/AMPS | CDMA 800 | CDMA 800, RUIM-support |